

ABSTRACT OF THE DISCLOSURE

A method for asynchronously notifying an application client of a system or data event of interest within a database includes steps of receiving a subscription to an event name from a logical agent, the event name corresponding to the event of interest, and receiving a registration from the application client, the registration including delivery information indicating at least where and how a notification concerning the event is to be delivered. The occurrence of the event is then detected within the database, whereupon the notification of the detected event is published to a data structure referenced by the event name. The delivery information is then retrieved and the published notification is formatted according to the retrieved delivery information. The formatted notification is then asynchronously delivered to the application client over a network, such as the Internet. The application client may specify a rule, the satisfaction of which is a precondition to the delivery of the notification. The application client, in this manner, receives only the notifications for which it has subscribed and receives the notifications substantially contemporaneously with the occurrence of the system or data event.